IN THE CLAIMS

(Although no changes are being made to the claims, for the Examiner's convenience a complete listing of the claims is provided below.)

1. (Previously Presented) An apparatus for recording speech to be used as learning data for recognizing input speech, comprising:

storage means for storing a recording character string indicating a sentence to be recorded;

display control means for controlling displaying of the recording character string indicating the sentence to be recorded;

recognition means for recognizing input speech of the displayed sentence that a user reads out, and for obtaining a recognized character string;

determination means for comparing a pattern of the recognized character string with a pattern of the recording character string so as to obtain a matching rate therebetween, and for determining whether the matching rate exceeds a predetermined level;

recording means for recording the input speech as the learning data for recognizing speech when it is determined by said determination means that the matching rate exceeds the predetermined level;

re-input instruction means for issuing an instruction to input speech once again when it is determined by said determination means that the matching rate does not exceed the predetermined level; and

presentation means for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern.

2-4. (Canceled)

5. (Previously Presented) An apparatus according to claim 1, wherein said presentation means presents the unmatched portion so as to identify the type of error as an insertion error, a deletion error, or a substitution error, as determined by said determination means.

6. (Previously Presented) An apparatus according to claim 1, wherein said presentation means simultaneously displays the recognized character string and the recording character string on a screen by changing a character attribute or a background attribute of an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string.

7. (Previously Presented) An apparatus according to claim 1, wherein said presentation means simultaneously displays the recognized character string and the recording character string on a screen by causing an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string to blink.

8. (Previously Presented) A method for recording speech, to be used as learning data for recognizing input speech, comprising:

a display control step of controlling displaying of a recording character string indicating a sentence to be recorded;

a recognition step of recognizing input speech of the displayed sentence that a user reads out, and for obtaining a recognized character string;

a determination step of comparing a pattern of the recognized character string with a pattern of the recording character string so as to obtain a matching rate therebetween, and of determining whether the matching rate exceeds a predetermined level;

a recording step of recording the input speech as the learning data for recognizing speech when it is determined in said determination step that the matching rate exceeds the predetermined level;

a re-input instruction step of issuing an instruction to input speech once again when it is determined in said determination step that the matching rate does not exceed the predetermined level; and

a presentation step of presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern.

9-11. (Canceled)

12. (Previously Presented) A method according to claim 8, wherein said presentation step presents the unmatched portion so as to identify the type of error as an

insertion error, a deletion error, or a substitution error, as determined in said determination step.

13. (Previously Presented) A method according to claim 8, wherein said presentation step simultaneously displays the recognized character string and the recording character string on a screen by changing a character attribute or a background attribute of an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string.

14. (Previously Presented) A method according to claim 8, wherein said presentation step simultaneously displays the recognized character string and the recording character string on a screen by causing an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string to blink.

15. (Previously Presented) A speech recognition system comprising:

storage means for storing a recording character string indicating a sentence to be recorded;

display control means for controlling displaying of the recording character string indicating the sentence to be recorded;

recognition means for recognizing input speech of the displayed sentence that a user reads out, and for obtaining a recognized character string;

determination means for comparing a pattern of the recognized character string with a pattern of the recording character string so as to obtain a matching rate therebetween, and for determining whether the matching rate exceeds a predetermined level;

recording means for recording the input speech as the learning data for recognizing speech when it is determined by said determination means that the matching rate exceeds the predetermined level;

re-input instruction means for issuing an instruction to input speech once again when it is determined by said determination means that the matching rate does not exceed the predetermined level;

presentation means for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern; and

learning means for performing learning on a speech model by using the input speech recorded by said recording means,

wherein said recognition means performs speech recognition by using speech data learned by said learning means.

16. (Previously Presented) A speech recognition method comprising:

a display control step of controlling displaying of a recording character string indicating a sentence to be recorded;

a learning recognition step of recognizing input speech of the displayed sentence that a user reads out, and for obtaining a recognized character string;

a determination step of comparing a pattern of the recognized character string with a pattern of the recording character string so as to obtain a matching rate therebetween, and of determining whether the matching rate exceeds a predetermined level;

a recording step of recording the input speech as the learning data for recognizing speech when it is determined in said determination step that the matching rate exceeds the predetermined level;

a re-input instruction step of issuing an instruction to input speech once again when it is determined in said determination step that the matching rate does not exceed the predetermined level;

a presentation step of presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern;

a learning step of performing learning on a speech model by using the input speech recorded in said recording step; and

a recognition step of recognizing unknown input speech by using the speech model learned in said learning step.

17. (Previously Presented) A computer readable medium storing a control program having computer readable program code units for allowing a computer to execute a speech recording method, said control program comprising:

a first program code unit for controlling displaying of a recording character string indicating a sentence to be recorded;

a second program code unit for recognizing input speech of the displayed sentence that a user reads out, and for obtaining a recognized character string;a third program code unit for comparing a pattern of the recognized character string with a pattern of the recording character string so as to obtain a matching rate therebetween, and for determining whether the matching rate exceeds a predetermined level; and

a fourth program code unit for recording the input speech as the learning data for recognizing speech when it is determined by said third program code unit that the matching rate exceeds the predetermined level;

a fifth program code unit for issuing an instruction to input speech once again when it is determined by said third program code unit that the matching rate does not exceed the predetermined level; and

a sixth program code unit for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern.

18. (Previously Presented) A computer readable medium storing a control program for allowing a computer to execute a speech recognition method, said control program comprising:

a first program code unit for controlling displaying of a recording character string indicating a sentence to be recorded;

a second program code unit for recognizing input speech of the displayed sentence that a user reads out, and for obtaining a recognized character string;

a third program code unit for comparing a pattern of the recognized character string with a pattern of the recording character string so as to obtain a matching

rate therebetween, and for determining whether the matching rate exceeds a predetermined level;

a fourth program code unit for recording the input speech as the learning data for recognizing speech when it is determined by said third program code unit that the matching rate exceeds the predetermined level;

a fifth program code unit for issuing an instruction to input speech once again when it is determined by said third program code unit that the matching rate does not exceed the predetermined level;

a sixth program code unit for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern;

a seventh program code unit for performing learning on a speech model by using the input speech recorded by said fourth program code unit; and

an eighth program code unit for recognizing unknown input speech by using the speech model learned by said seventh program code unit.

19-22. (Canceled)